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35.C10698 CI

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
SHOICHI YAMAZAKI, ET AL.) : Examiner: R. Mack
Appln. No.: 08/959,285) : Group Art Unit: 2873
Filed: October 24, 1997) :
For: HEAD-UP DISPLAY DEVICE WITH) : December 23, 1998
CURVED OPTICAL SURFACE :
HAVING TOTAL REFLECTION)

Assistant Commissioner for Patents
Washington, DC 20231

FIFTH INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 CFR 1.56 and in accordance with the practice under 37 CFR 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

REMARKS

According to the enclosed English-language Abstract obtained from a commercial database, Japanese Laid-Open Patent Application No. 5-303056 relates to a vision display device provided with a display element 7 and an eyepiece optical system 6, the eyepiece optical system 6 having an aspherical concave mirror wherein a curvature of the surface in the direction (X direction) orthogonal to the surface

(Y-Z surface) for bending the optical axis becomes gradually higher as it goes toward the direction (-Y direction) for bending the optical axis, in the case it is looked at from an eyeball of an observer.

U.S. Patent No. 5,594,588 (Togino '588), which Applicants respectfully submit to be a corresponding U.S. Patent, is also enclosed.

FORMAL MATTERS


No fee is believed due; however, any fee required in connection with this paper should be charged to Deposit Account 06-1205. A duplicate of this paper is enclosed.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



Attorney for Applicants

Registration No. 37,838

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

ATTY DOCKET NO.

35.C10698 CI

APPLICATION NO.

08/959,285

APPLICANTS

SHOICHI YAMAZAKI, ET AL.

FILING DATE

October 24, 1997

GROUP

2873Date Submitted to PTO: **December 23, 1998**

U.S. PATENT DOCUMENTS

*EXAMINER'S INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,594,588	01/14/97	TOGINO	359	631	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		5-303056	11/16/93	JAPAN			ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.